PARS 230 HOHEWAR SET 1 Soumos

COL SINCE Votucal = Vrock ...

- a) Fo, BANDON = Fo, EOCK
- b) NON Volume : & Viac 50.

FB, BRUDON & FB, 60 1K

C) Rak SNKS, BANDON FLOORS ..

ADALOGH THE BUDYAY FOICE ON BOH THE ROCK AND THE DANDAY AND THE SAME,
THE MET FOICE IS NOT!

free-Boom DARKAN GO ...

fo from

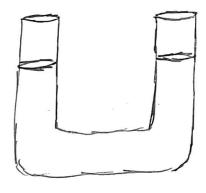
of o

Kock

mg

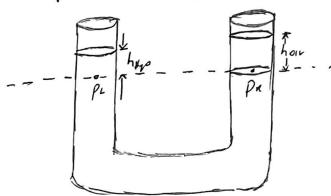
JUST \$20 ...

092



Por (tho

HOPING THE OIL.



NOW PL = Pa Pot 1420 9th 120 = Pot Pour 9th ac

(Hroham = love for famo [holy 7 has]

Nonce! THE HID WAR ROSE ON THE LOT LEG BUT FOR IN THE RIGHT LEG.

THE AX HOUR MAST THE WINDOW AT A MITH LATE OF SPECIO.

MOTICE: VINSIDE : COMPANY FOR HOGHTS ...

PINSIDE + \$ / VINSIDE + /97, = POURSIZE + \$ / VORTSIZE + /972

SIKK Y,= Y2

PINS + = Par + = Par + = Par

:. Pins = Pont + = (Var 7 Pont

Greating inside pleasure :. Not force or the out of wireout

w = 0.21m

l = 0.27m

m: 0.320 19

a)
$$l_{N} = \frac{m}{V} = \frac{m}{l_{N}} = \frac{(0.320 \, \text{kg})}{(0.21 \, \text{m})(0.21 \, \text{m})(7.0 \, \text{m})^{3}}$$

$$\int \rho_{N} e^{-\frac{\pi}{2}} = 810 \, \frac{l_{N}}{m^{3}} \int = 806.25 \approx 806 \, \frac{l_{N}}{m^{3}}$$

$$f_{5} = mg = (0.320 \text{kg})(9.8 \text{m/s}^{2})$$

 $\left[f_{5} = 3.4 \text{N}\right] = 3.136 \text{N} \approx 3.14 \text{N}$

$$\int \frac{F_{\text{AM}}}{f_0} = \frac{5700N}{3.1N} = 1800 = 1832$$

Pre =
$$\frac{\pi_e}{V_c} = \frac{\pi_e}{3} = \frac{3(5.97 \times 10^{24} h_g)}{4\pi (6.38 \times 10^{6} m)^3} = 5,490 \text{ dy/m}^3$$

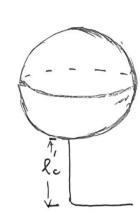
$$P_{mx} = P_{0} + 19h$$
 so $h = P_{mx} - P_{0} = 1.4 \times 10^{7} R - 1.01 \times 10^{5} R_{0} = 1,500 m$

$$(900 hg/m^{3})(9.8 m/5^{2})$$

$$[h = 1,500 m]$$

$$h=0$$
 $R_2=1.5m$
 $F_2=m_0=(1200 \text{ Mg})(9.8 \text{ m/s}^2)=11,700 \text{ m/s}^2$

$$P_{1} = P_{2}$$
 $I_{1} = I_{2}$
 $I_{2} = I_{2}$
 $I_{3} = I_{4}$
 $I_{4} = I_{4}$
 $I_{5} = I_{4}$
 $I_{7} = I_{7}$
 I_{7



$$l_{c} = 8.46 \times 10^{-2} \text{m}$$

$$l_{c} = 100.\text{m}$$

$$m_{c} = 1.85 \text{kg}$$

$$m_{b} = 4.55 \times 10^{-3} \text{kg}$$

$$f_{nz} = 1.29 \text{kg/m}^{3}$$

$$f_{nz} = 0.179 \text{kg/m}^{3}$$

FIST CHAMILE THE LINGAL MISS DON'S MY OF THE CORD ...

NON , CHEMINATE THE MASS of THE SUSPENDED COND...

NOW CONSIDER HE FREE-DOOM TO LAGE AS FOR THE ASMOOTH.

 $\frac{1.57 \times 10^{-3} h_{9} + 4.55 \times 10^{-3} h_{9}}{1.29 h_{9} h_{m}^{3} - 0.179 k_{9} h_{m}^{3}} = \frac{0.12 \times 10^{-3} h_{9}}{1.111 h_{9} h_{m}^{3}} = \frac{5.5 k_{1} 0^{-3} m^{3}}{1.111 h_{9} h_{m}^{3}}$ $\left[\nabla = 5.5 \times 10^{-3} m^{3} \right]$